

**REMARKS**

The specification and drawings were subject to objection for minor informalities which were amenable to straightforward correction by amendment. By the foregoing amendments, the Applicants have amended the specification to remove the embedded hyperlinks at pages 10, 31, and 73 of the specification. The Applicants have also amended the specification to include reference to sequence identification numbers in Tables 5 and 6 whenever reference was made to a particular sequence. Accordingly, the Applicants have amended the sequence listing to include the additional sequence identification numbers and have enclosed a substitute sequence listing herewith on CD-ROM. Further, the Applicants have amended the specification at page 5, line 3, to include the text that was missing by replacing the paragraph beginning at page 4, line 23. Support for the missing text is found in the specification in original claim 11. Also submitted herewith is a substitute drawing (Figure 1) which has been amended to comply with 37 C.F.R. § 1.84(U)(1). Kindly substitute the enclosed drawing for the drawing submitted with the originally filed application. The amendments herein to the specification, sequence listing, and drawings have overcome the Examiner's objections thereto.

Claims 56-76 are pending in the application. Claims 69-76 are under examination and were allowed. Claims 56-68 were withdrawn from consideration by the Examiner and are cancelled herein by amendment.

No new matter is introduced by the amendment to the specification, the amendment to the sequence listing, the amendment to the drawings, or the amendment to the claims. Support for the amendments is found throughout the specification and the original claims as filed.

The Applicants do not intend, with these or any other amendments, to abandon the subject matter of claims previously presented, and reserve the right to pursue such subject matter in duly filed continuing patent applications.

**CONCLUSION**

In view of the amendments and remarks provided herein, the Applicants submit that the application is in condition for allowance and notification thereof is respectfully requested. Should the Examiner wish to discuss any aspect of the present application, he is urged to contact the undersigned at the telephone number provided below.

Dated: August 28, 2006

Respectfully submitted,

By 

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**AMENDMENT TO THE SEQUENCE LISTING**

Please replace the sequence listing (135 pages) with the enclosed substitute sequence listing (144 pages), enclosed herewith on CD-ROM.

**AMENDMENT TO THE DRAWINGS**

Please replace original Figure 1 with revised Figure 1 (1 sheet) enclosed herewith.